

AMHERST
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	10.45	5	48	Male	8.71	5	57
Female	3.98	1	NC*	Female	7.85	3	NC*
Total	14.43	6	42 #-	Total	16.56	8	48 #-
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	5.54	3	NC*	Male	1.97	2	NC*
Female	4.66	4	NC*	Female	1.86	1	NC*
Total	10.20	7	69	Total	3.83	3	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.71	0	NC*	Male	12.13	6	49
Female	81.40	63	77 #-	Female	9.14	11	120
Total	82.11	63	77 #-	Total	21.27	17	80
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	7.74	2	NC*	Male	8.37	4	NC*
				Female	3.92	5	127
				Total	12.29	9	73
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	26.71	23	86	Female	10.59	9	85
Female	25.51	22	86				
Total	52.23	45	86				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	3.87	2	NC*	Male	4.13	2	NC*
Female	1.26	1	NC*	Female	4.15	1	NC*
Total	5.13	3	NC*	Total	8.28	3	NC*
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	4.08	0	NC*	Male	60.34	68	113
Female	3.10	1	NC*				
Total	7.18	1	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	7.05	2	NC*	Male	4.73	1	NC*
Female	4.30	0	NC*	Female	2.88	0	NC*
Total	11.34	2	NC*	Total	7.61	1	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	3.97	1	NC*	Male	7.08	3	NC*

Female	1.13	1	NC*				
Total	5.10	2	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	6.34	5	79	Male	2.51	4	NC*
Female	5.06	2	NC*	Female	6.97	1	NC*
Total	11.41	7	61	Total	9.48	5	53
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	2.38	0	NC*				
Female	0.93	1	NC*	Female	14.18	13	92
Total	3.31	1	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	33.90	16	47 ~-	Male	234.22	167	71 ^-
Female	26.73	15	56 #-	Female	244.82	170	69 ^-
Total	60.63	31	51 ^-	Total	479.04	337	70 ^-

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels